

DNA sequence 489 b.p. atgagaatttcg ... aacacttcttga linear

1/1 31/11  
atg aga att tcg aaa cca cat ttg aqa agt att tcc atc caa tgc tac ttg tgt tca cct  
Met arg ile ser lys pro his leu arg ser ile ser ile gln cys tyr leu cys leu leu  
61/21 91/31  
cta aac agt cat ttt cta act gaa gct ggc att cat gtc ttc att ttg ggc tgt ttc agt  
leu asn ser his phe leu thr glu ala gly ile his val phe ile leu gly cys phe ser  
121/41 151/51  
gca ggg ctt cct aaa aca gaa gcc aac tgg tgg aat gta ata agt gat ttg aaa aaa att  
ala gly leu pro lys thr glu ala asn trp val asn val ile ser asp leu lys ile  
181/61 211/71  
gaa gat ctt att caa tct atg cat att gat gct act tca tat acg gaa agt gat gtt cac  
glu asp leu ile gln ser met his ile asp ala thr leu tyr thr glu ser asp val his  
241/81 271/91  
ccc agt tgc aaa gta aca gca atg aag tgg ttt ctc ttg gag tta caa gtt att tca ctt  
pro ser cys lys val thr ala met lys cys phe leu leu glu gln val ile ser leu  
301/101 331/111  
gag tcc gga gat gca agt att cat gat aca gta gaa aat ctg acc atc cta gca aac aac  
glu ser gly asp ala ser ile his asp thr val glu asn leu ile ile leu ala asn asn  
361/121 391/131  
agt ttg tct tct aat ggg aat cta aca gaa tct gga tgc aaa gaa tgt gag gaa ctg gag  
ser leu ser ser asp gln val thr glu ser gly cys lys glu cys glu glu leu glu  
421/141 451/151  
gaa aaa aat att aaa gaa ttt ttg gac agt ttt gta cat att gtc gac atg ttc atc aac  
glu lys asn ile lys glu phe leu asp ser phe val his ile val asp met phe ile asn  
481/161  
act tct tga (SEQ ID NO:1)  
thr ser OPA (SEQ ID NO:2)

Fig. 1

DNA sequence 489 b.p. atgagaatTCG ... aacacttcttga linear

1/1 31/11  
atg aga att tcg aaa cca cat ttg aga agt att tcc atc cag tgc tac ttg tgt tta ctt  
Met arg ile ser lys pro his leu arg ser ile ser ile gln cys tyr leu cys leu leu  
61/21 91/31  
cta aac agt cat ttt cta act gaa gct ggc att cat gtc ttc att ttg ggc tgt ttc agt  
leu asn ser his phe leu thr glu ala gly ile his val phe ile leu gly cys phe ser  
121/41 151/51  
gca ggg ctt cct aaa aca gaa gcc aac tgg gtg aat gta ata agt gat ttg aaa aaa att  
ala gly leu pro lys thr glu ala asn trp val asn val ile ser asp leu lys ile  
181/61 211/71  
gaa gat ctt att caa tct atg cat att gat gct act tta tat acg gaa agt gat gtt cac  
glu asp leu ile gln ser met his ile asp ala thr leu tyr thr glu ser asp val his  
241/81 271/91  
ccc agt tgc aaa gta aca gca atg aag tgc ttt ctc ttg gag tta caa gtt att tca ctt  
pro ser cys lys val thr ala met lys cys phe leu leu glu leu gln val ile ser leu  
301/101 331/111  
gag tcc gga gat gca agt att cat gat aca gta gaa aat ctg atc atc cta gca aac aac  
glu ser gly asp ala ser ile his asp thr val glu asn leu ile ile leu ala asn asn  
361/121 391/131  
agt ttg tct tct aat ggg aat gta aca gaa tct gga tgc aaa gaa tgt gag gaa ctg gag  
ser leu ser ser asn gly asn val thr glu ser gly cys lys glu cys glu glu leu glu  
421/141 451/151  
gaa aaa aat att aaa gaa ttt ttg cag agt ttt gta cat att gtc caa atg ttc atc aac  
glu lys asn ile lys glu phe leu gln ser phe val his ile val gln met phe ile asn  
481/161  
act tct tga (SEQ ID NO 3)  
thr ser OPA (SEQ ID NO 4)

Fig. 2

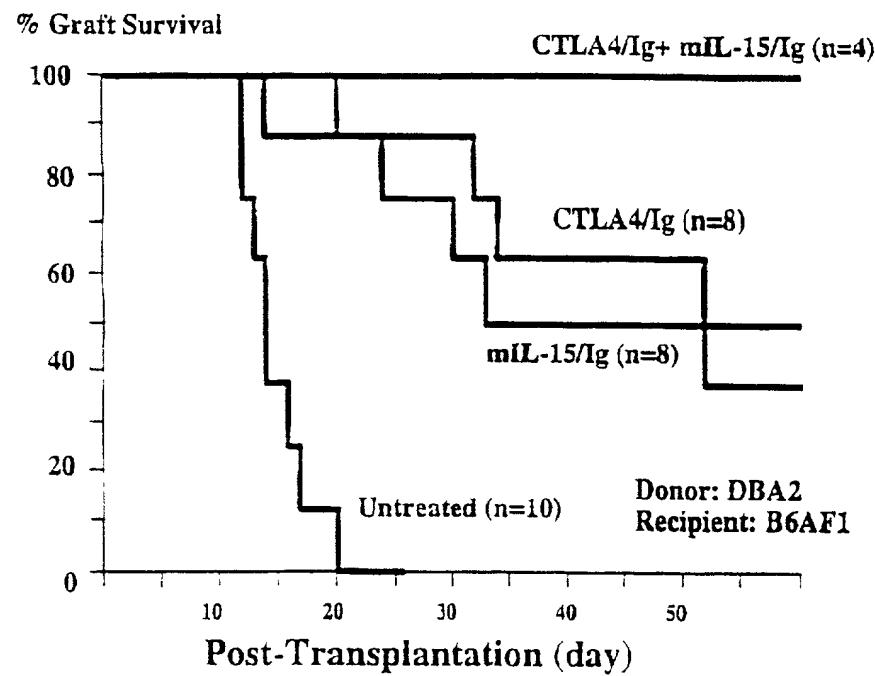


Fig. 3